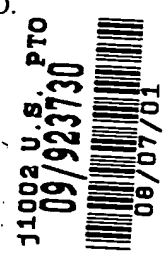


FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV. 7-80) PATENT AND TRADEMARK OFFICE <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT</p> (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. 201440-9001	SERIAL NO. <div style="text-align: right;">  </div>
APPLICANT Takeshi KOBAYASHI		
FILING DATE Herewith		GROUP

U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROP.		
	AA								
	AB								
	AC								
	AD								
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
M.E.	AL	9-321529	Dec. 12, 1997	Japan	H 01 Q	9/40		X
M.E.	AM	9-8526	Jan. 10, 1997	Japan	H 01 Q	1/24		X
	AN							
	AO							
	AP							

OTHER PRIOR ART (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
AQ	
AR	
AS	

EXAMINER <i>Md. Shahid Alam Elahi</i>	DATE CONSIDERED 04/15/04
* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

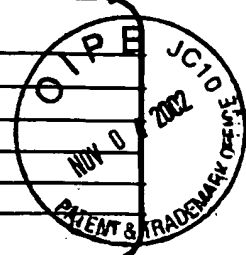
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Sheet 1 of 1

Application Number	09/923,730
Filing Date	August 7, 2001
First Named Inventor	Takeshi Kobayashi
Group Art Unit	2681
Examiner Name	
Attorney Docket Number	201440-9001



U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner
Signature**

Mr. Rafiqul Alam Elahi

Date _____

Considered

04/15/04

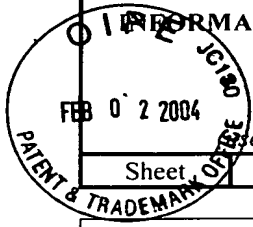
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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute of form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)				Application Number	09/923,730
				Filing Date	August 7, 2001
				First Name Inventor	Takeshi Kobayashi
				Group Art Unit	2681
				Examiner Name	Vivian C. Chin
Sheet 1 of 1	Attorney Docket Number		201440-9001		



U.S. PATENT DOCUMENTS				
Examiner Initials		U.S. Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document
				RECEIVED FEB 05 2004

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FOREIGN PATENT DOCUMENTS						
Examiner Initials	Country Code	Foreign Patent Document Number	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Translation	English Abstract
M.E.	JP	5-299929	SONY CORP	11/13/1993		X
M.E.	JP	5-22184	NEC CORP	1/23/1993		X
M.E.	JP	9-27711	FUJITSU LTD	1/28/1997		X

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Examiner Signature	<i>Md. Sharif Alam Elahie</i>	Date Considered	05/15/04
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